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DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63) <input checked="" type="checkbox"/> Declaration Submitted with Initial Filing OR <input type="checkbox"/> Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)	Attorney Docket Number	555255012319	
	First Named Inventor	Geyi WEN	
	COMPLETE IF KNOWN		
	Application Number	/	
	Filing Date	APRIL 9, 2002	
	Group Art Unit		
		Examiner Name	

As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

MULTIPLE-ELEMENT ANTENNA

(Title of the Invention)

the specification of which

☒ is attached hereto

OR

☐ was filed on (MM/DD/YYYY)

as United States Application Number or PCT International

Application Number

and was amended on (MM/DD/YYYY)

(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

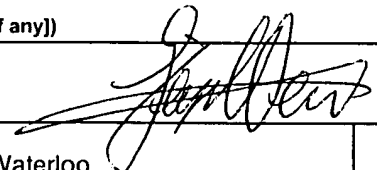

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

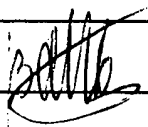
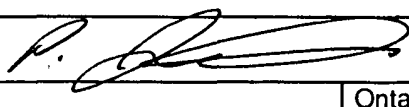
Express Mail Label # EV 243776018 US
July 2, 2003

DECLARATION — Utility or Design Patent Application

Direct all correspondence to: <input type="checkbox"/>		Customer Number or Bar Code Label <input style="width: 100px;" type="text"/>		OR <input checked="" type="checkbox"/> Correspondence address below	
Joseph M. Sauer, Esq.					
Name					
Jones, Day, Reavis & Pogue					
Address North Point, 901 Lakeside Avenue					
Cleveland City			Ohio State		44114-1190 ZIP
USA Country		(216) 586-3939 Telephone		(216) 579-0212 Fax	
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.					
NAME OF SOLE OR FIRST INVENTOR :				<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name Geyi (first and middle [if any])			Family Name WEN or Surname		
Inventor's Signature 				Date April 4, 2002	
Residence: City Waterloo		State Ontario		Country CANADA	Citizenship P.R. China
Mailing Address 295 Phillip Street					
City Waterloo		State Ontario		ZIP N2L 3W8	Country CANADA
NAME OF SECOND INVENTOR:				<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name Yihong (first and middle [if any])			Family Name QI or Surname		
Inventor's Signature 				Date April 4, 2002	
Residence: City Waterloo		State Ontario		Country CANADA	Citizenship Canadian
Mailing Address 295 Phillip Street					
City Waterloo		State Ontario		ZIP N2L 3W8	Country CANADA
<input checked="" type="checkbox"/> Additional inventors are being named on the <u>1</u> supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.					

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DECLARATION**ADDITIONAL INVENTOR(S)**
Supplemental Sheet
Page 1 of 1

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Krystyna		BANDURSKA	
Given Name		Family Name or Surname	
Inventor's Signature 		Date April 05 / 2002	
Waterloo	Ontario	CANADA	Canadian
Residence: City	State	Country	Citizenship
295 Phillip Street			
Mailing Address			
Mailing Address			
Waterloo	Ontario	N2L 3W8	CANADA
City	State	ZIP	Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Perry		JARMUSZEWSKI	
Given Name		Family Name or Surname	
Inventor's Signature 		Date April 04 / 2002	
Guelph	Ontario	CANADA	Canadian
Residence: City	State	Country	Citizenship
295 Phillip Street			
Mailing Address			
Mailing Address			
Waterloo	Ontario	N2L 3W8	CANADA
City	State	ZIP	Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name		Family Name or Surname	
Inventor's Signature		Date	
Residence: City	State	Country	Citizenship
Mailing Address			
Mailing Address			
City	State	ZIP	Country

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box → ☐

PTO/SB/81 (02-01)

Approved for use through 10/31/2002. OMB 0651-0035

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

Application Number	
Filing Date	APRIL 9, 2002
First Named Inventor	Geyi WEN
Title	Multiple-Element Antenna
Group Art Unit	
Examiner Name	
Attorney Docket Number	555255012319

I hereby appoint:

☐ Practitioners at Customer Number

OR

☒ Practitioner(s) named below:

Name	Registration Number
Krishna K. Pathiyal, Esq.	44435
Robert C. Liang, Esq.	48091
Please see attached sheet	

Place Customer
Number Bar Code
Label here

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

☐ The above-mentioned Customer Number.

OR

☐ Practitioners at Customer Number

OR

Place Customer
Number Bar Code
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☒ Firm or
Individual Name

Joseph M. Sauer, Esq.

Address Jones, Day, Reavis & Pogue

Address North Point, 901 Lakeside Avenue

City Cleveland State Ohio Zip 44114

Country USA

Telephone (216) 586-3939 Fax (216) 579-0212

I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

SIGNATURE of Applicant or Assignee of Record

Name Mihail Lazaridis, President and Co-CEO, on behalf of Research In Motion Limited

Signature 

Date 5 Apr 02

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☒ *Total of 2 forms are submitted. (PTO/SB/81 (02-01) and *Supplemental Page(s) for Additional Signatures of Patent)

Burden Hour Statement: This form is estimated to take 3 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Express Mail Label # EV 243776018 US
July 2, 2003

555255012319

MULTIPLE-ELEMENT ANTENNA

* SUPPLEMENTAL PAGE LISTING ADDITIONAL AGENTS OF RECORD

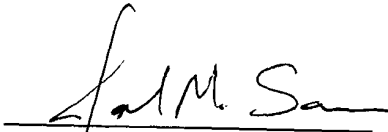
ADAMO, Kenneth R., Reg. No. 27,299
ARNDT, Barbara E., Reg. No. 37,768
BIERNACKI, John V., Reg. No. 40,511
COCHRAN, David B., Reg. No. 39,142
COOPER, Lorri W., Reg. No. 40,038
FAY, Regan J., Reg. No. 26,878
FEELING, F. Drexel, Reg. No. 40,602
GRIFFITH, Calvin P., Reg. No. 34,831
~~HAINES, Warren M. H., Reg. No. 40,632~~
MAIORANA, David M., Reg. No. 41,449
O'HEARN, Timothy J., Reg. No. 31,552
ROSE, Mitchell, Reg. No. 47,906
SAUER, Joseph M., Reg. No. 47,919
SCANLON, Stephen D., Reg. No. 32,755
SHEAFFER, Jenny F., Reg. No. 45,099
SWITZER, H. Duane, Reg. No. 22,431
VARY, Michael W., Reg. No. 30,811
WAMSLEY, III, James L., Reg. No. 31,578

all of JONES, DAY, REAVIS & POGUE

North Point
901 Lakeside Avenue
Cleveland, Ohio 44114
US

37 CFR 3.73(b) STATEMENT

Attached is a copy of the Assignment of the previous application showing the chain of title from the inventor(s) to the assignee.

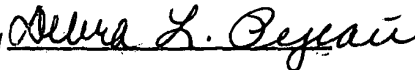


Joseph M. Sauer
Registration No. 47,919
Attorney for Assignee

"Express Mail" Mailing Label No. EV 243776018 US

Date of Deposit July 2, 2003

I hereby certify that this paper or fees is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

By 



012-319
PUS-0617

JUNE 13, 2002

PTAS

Chief Information Officer
Washington, DC 20231
www.uspto.gov

JONES, DAY, REAVIS & POGUE
JOSEPH M. SAUER, ESQ.
NORTH POINT
901 LAKESIDE AVENUE
CLEVELAND, OHIO 44114



102059965A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 04/09/2002

REEL/FRAME: 012792/0360
NUMBER OF PAGES: 6

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

WEN, GEYI

DOC DATE: 04/04/2002

ASSIGNOR:

QI, YIHONG

DOC DATE: 04/04/2002

ASSIGNOR:

BANDURSKA, KRYSTYNA

DOC DATE: 04/05/2002

ASSIGNOR:

JARMUSZEWSKI, PERRY

DOC DATE: 04/04/2002

ASSIGNEE:

RESEARCH IN MOTION LIMITED
295 PHILLIP STREET
WATERLOO, ON, CANADA N2L 3W8

SERIAL NUMBER: 10119079

FILING DATE: 04/09/2002

PATENT NUMBER:

ISSUE DATE:

DOCKETED

COPY TO CLIENT

012792/0360 PAGE 2

ALLYSON PURNELL, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

04-18-2002

Form PTO-1595
(Rev. 03/01)

OMB No. 0651-0027 (exp. 5/31/2002)

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102059965

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Geyi WEN; Yihong QI; Krystyna
BANDURSKA; Perry JARMUSZEWSKI

2. Name and address of receiving party(ies)

Name: Research In Motion Limited

Internal Address: _____

Street Address: 295 Phillip Street

City: Waterloo State: ON Zip: N2L 3W8

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: April 4 & 5, 2002

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

04/04&05/02

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

B. Patent No.(s)

mm/dd/yy

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Joseph M. Sauer, Esq.

Internal Address: _____

Jones, Day, Reavis & Pogue

North Point

Street Address: _____

901 Lakeside Avenue

City: Cleveland State: OH Zip: 44114

6. Total number of applications and patents involved:

7. Total fee (37 CFR 3.41).....\$ 40.00

☐ Enclosed☒ Authorized to be charged to deposit account

8. Deposit account number:

501432 (ref. 555255012319)

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Joseph M. Sauer

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and documents:

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

04/17/2002 6TON11

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10119079

01 FC:581

40.00 CH

ASSIGNMENT

WHEREAS, new and useful improvements have been made by the undersigned in

MULTIPLE-ELEMENT ANTENNA

and are the subject of a patent application prepared for filing with the United States Patent and Trademark Office attached hereto, and executed by the undersigned on the dates indicated below in the appropriate spaces to the left of the signatures of the undersigned, which application is further identified as Jones, Day, Reavis & Pogue Docket No. **555255012319**.

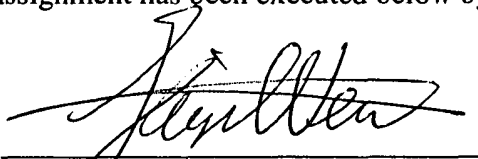
WHEREAS, RESEARCH IN MOTION LIMITED, a corporation organized under the laws of the Province of Ontario, CANADA, having a place of business at 295 Phillip Street, Waterloo, Ontario, CANADA, N2L 3W8, hereinafter referred to as "assignee", is desirous of acquiring all right, title, and interest throughout the world in, to, and under said improvements and inventions and patent rights therefor.

NOW, THEREFORE, be it known that, for valuable consideration, the receipt and sufficiency of which are hereby acknowledged, all right, title, and interest, in the United States and throughout the world, in, to and under said improvements and inventions and all patents, patent applications, patent rights, and inventor's certificates thereof, therefor, and therein, including without limitation said application for patent in the United States, all divisions and continuations thereof, all patents which may be granted thereon, all reissues and extensions thereof, all right to sue for past infringement thereunder, all patents which may be granted for said improvements and inventions by states or nations other than the United States, or by other authority, entity, or organization, and all applications therefor, have been and are hereby sold, assigned, transferred, and delivered unto assignee, its successors and assigns; and it is covenanted and agreed by the undersigned, and for executors, administrators, and legal representatives of the undersigned, that at assignee's request any and all applications, affidavits, assignments, and other instruments will be made, executed, and delivered as may be necessary, or desirable to secure for or vest in assignee, its successors or assigns, any improvement, inventions, right, title, interest, application, patent, patent right or other right or property covered by this assignment, and the United States Commissioner of Patents and Trademarks is hereby requested and authorized to issue any and all United States patents granted on any of said applications to assignee as owner of the entire right, title, and interest in, to, and under the same, and appropriately empowered officials of foreign countries are hereby authorized to issue any letters patent granted on any of said applications to assignee as owner of the entire right, title and interest in, to, and under the same.

The undersigned hereby grants the firm of Jones, Day, Reavis & Pogue the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, this assignment has been executed below by the undersigned:

Date: April 4, 2002



Geyi Wen

532 Buckingham Blvd.
Waterloo, Ontario
N2T 2V1
CANADA

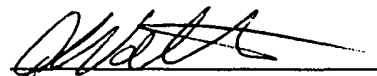
STATEMENT BY WITNESS

I, DAVID WALTERS, whose full Post Office address is

523 BEAVERWOOD ST. WATERLOO, ON N2V 2M2
(Address of Witness)

hereby declare that I was personally present and did see the above named person, personally known to me to be the person named in the assignment, duly sign and execute the same.

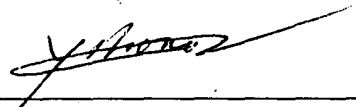
Date: 4 APRIL 2002



(Signature of Witness)

IN WITNESS WHEREOF, this assignment has been executed below by the undersigned:

Date: April 4 / 2002



Yikong Qi

338 Wyecroft Blvd.
Waterloo, Ontario
N2T 2H3
CANADA

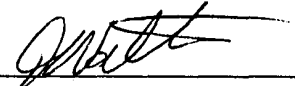
STATEMENT BY WITNESS

I, David Walters, whose full Post Office address is

523 Beaverwood Street, Waterloo, ON, N2V 2M2
(Address of Witness)

hereby declare that I was personally present and did see the above named person, personally known to me to be the person named in the assignment, duly sign and execute the same.

Date: 4 APRIL 2002



(Signature of Witness)

IN WITNESS WHEREOF, this assignment has been executed below by the undersigned:

Date: April 05 2002



Krystyna Bandurska

623 A Rummelhardt Dr.
Waterloo, Ontario
N2T 2K7
CANADA

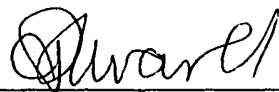
STATEMENT BY WITNESS

I, Camille Girard, whose full Post Office address is

9 Armstrong Ave, Guelph, ONTARIO, N1E 3W8
(Address of Witness)

hereby declare that I was personally present and did see the above named person, personally known to me to be the person named in the assignment, duly sign and execute the same.

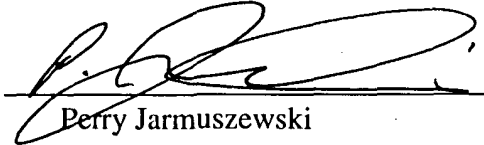
Date: 5 Apr 02



(Signature of Witness)

IN WITNESS WHEREOF, this assignment has been executed below by the undersigned:

Date: April 04 / 2002


Perry Jarmuszewski

31 Hood St.
Guelph, Ontario
N1E 5W4
CANADA

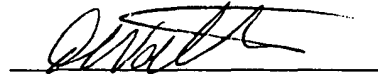
STATEMENT BY WITNESS

I, Daniel Walters, whose full Post Office address is

523 Beaverwood Street, Waterloo, ON, N2V 2M2
(Address of Witness)

hereby declare that I was personally present and did see the above named person, personally known to me to be the person named in the assignment, duly sign and execute the same.

Date: 4 APRIL 2002


(Signature of Witness)